1/30/84
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American Petroleum Institute
1220 L Street, Northwest
Washington, D.C. 20005

weekly statistical bulletin

STATISTICS DEPARTMENT
VOL. 65 For Week Ended January 20, 1984 NO. 3

SUMMARY

(In thousands of 42 gallon barrels per day except stocks which are in thousands of barrels)
(All data are estimates made by the API based on data from reporting companies)

	Current Week Ending:	Last Week Ending:	Last Year Week Ending:	Change From Last Week	Change From Last Year
	01/20/84	01/13/84	01/21/83		
Refinery Operations					
Input to crude oil distillation units	11,932	11,593	11,415	339	517
Operable capacity	16,309	16,309	16,814	0	-505
Percent operated	73.2	71.1	67.9		
Motor Gasoline					
Total motor gasoline production	5,971	6,078	6,022	-107	-51
Finished leaded motor gasoline production	2,633	2,523	2,513	110	120
Finished unleaded motor gasoline production	3,338	3,555	3,509	-217	-171
Total motor gasoline stocks	225,961	223,289	249,828	2,672	-23,867
Finished leaded motor gasoline stocks	93,219	93,150	104,968	69	-11,749
Finished unleaded motor gasoline stocks	92,050	91,587	103,445	463	-11,395
Distillate Fuel Oil					
Distillate fuel oil production	2,638	2,563	2,338	75	300
Distillate fuel oil stocks	131,731	137,460	177,245	-5,729	-45,514
Residual Fuel Oil					
Residual fuel oil production	1,052	924	981	128	71
Residual fuel oil stocks	44,808	45,243	66,883	-435	-22,075
Imports					
Crude oil imports	2,980	2,794	3,042	186	-62
Product imports	2,101	1,906	1,465	195	636
Crude Oil Stocks					
Crude oil stocks	349,788	351,999	361,445	-2,211	-11,657

Total U.S. data for the current week's refinery operations, production, stocks and imports are available through a pre-recorded telephone message. The telephone number for this service is area code (202) 289-6949

NA-Not Available

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U.S. REFINERY OPERATIONS

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Refinery Input	Crude Oil Runs to Distillation Units	Input to Crude Oil Distillation Units	Operable Capacity	% Operated
East Coast	1,010	957	979	1,229	79.7
Appal. No. 1	76	76	76	177	42.9
DISTRICT 1 TOTAL	1,086	1,033	1,055	1,406	75.0
Appal. No. 2	63	60	63	66	95.5
Ind., Ill., Ky.	1,889	1,742	1,764	2,345	75.2
Minn., Wis., Daks.	296	283	296	296	100.0
Okla., Kans., Mo.	597	528	535	827	64.7
DISTRICT 2 TOTAL	2,845	2,613	2,658	3,534	75.2
Inland Texas	601	489	502	585	85.8
Texas Gulf Coast	3,063	2,811	2,855	3,907	73.1
La. Gulf Coast	2,216	2,073	2,099	2,890	72.6
N. La. and Ark.	186	173	179	286	62.6
New Mexico	88	77	79	105	75.2
DISTRICT 3 TOTAL	6,154	5,623	5,714	7,773	73.5
DISTRICT 4 TOTAL	409	400	403	536	75.2
DISTRICT 5 TOTAL	2,260	2,102	2,102	3,060	68.7
TOTAL U.S.	12,754	11,771	11,932	16,309	73.2
TOTAL U.S.					
Weeks Ended:					
JAN. 13, 1984	12,335	11,342	11,593	16,309	71.1
JAN. 21, 1983	12,301	11,108	11,415	16,814	67.9
DISTRICTS 1-4					
Weeks Ended:					
JAN. 20, 1984	10,494	9,669	9,830	13,249	74.2
JAN. 13, 1984	10,102	9,213	9,464	13,249	71.4
JAN. 21, 1983	10,227	9,139	9,433	13,731	68.7

API WEEKLY STATISTICAL BULLETIN
Week Ended January 20, 1984

U.S. REFINERY OUTPUT

(Daily averages in thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline		Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil
		Finished Leaded	Finished Unleaded	Naphtha Type	Kerosine Type		
East Coast	520	204	316	--	29	310	188
Appal. No. 1	29	14	15	1	--	22	4
DISTRICT 1 TOTAL	549	218	331	1	29	332	192
Appal. No. 2	38	18	20	3	--	14	1
Ind., Ill., Ky.	1,092	448	644	7	127	379	57
Minn., Wis., Daks.	160	99	61	4	7	82	81
Okla., Kans., Mo.	336	195	141	13	17	166	--
DISTRICT 2 TOTAL	1,626	760	866	27	151	641	139
Inland Texas	330	167	163	16	31	104	23
Texas Gulf Coast	1,209	557	652	35	180	615	245
La. Gulf Coast	1,024	397	627	20	240	416	91
N. La. and Ark.	62	30	32	8	--	53	10
New Mexico	42	22	20	15	1	21	1
DISTRICT 3 TOTAL	2,667	1,173	1,494	94	452	1,209	370
DISTRICT 4 TOTAL	186	123	63	11	22	123	9
DISTRICT 5 TOTAL	943	359	584	49	223	333	342
TOTAL U.S.	5,971	2,633	3,338	182	877	2,638	1,052
TOTAL U.S. Weeks Ended:							
JAN. 13, 1984	6,078	2,523	3,555	220	773	2,563	924
JAN. 21, 1983	6,022	2,513	3,509	155	801	2,338	981
DISTRICTS 1-4 Weeks Ended:							
JAN. 20, 1984	5,028	2,274	2,754	133	654	2,305	710
JAN. 13, 1984	5,042	2,088	2,954	167	560	2,208	566
JAN. 21, 1983	5,047	2,097	2,950	122	578	2,032	667

[1]Total motor gasoline is equal to the sum of finished leaded and finished unleaded motor gasoline.
[2]Includes Grade No. 4 fuel oil.

NA-Not Available

API WEEKLY STATISTICAL BULLETIN
Week Ended January 20, 1984

STOCKS OF SELECTED PRODUCTS

(In thousands of 42-gallon barrels)

DISTRICT	Total Motor Gasoline[1]	Motor Gasoline			Jet Fuel		Distillate Fuel Oil[2]	Residual Fuel Oil	Unfinished Oils
		Finished Leaded	Finished Unleaded	Blending Components	Naphtha Type	Kerosine Type			
New England	5,546	2,875	2,671	--	87	660	9,609	2,232	--
Central Atlantic	31,209x	11,654x	15,036x	4,519*	411	4,040	28,273	18,216	11,780x
Lower Atlantic	26,066	13,201	12,663	202	110	3,873	11,920	2,857	391
DISTRICT 1 TOTAL	62,821x	27,730x	30,370x	4,721*	608	8,573	49,802	23,305	12,171x
DISTRICT 2 TOTAL	63,698	29,079	27,072	7,547	1,175	6,870	38,775	3,506	17,645
DISTRICT 3 TOTAL	62,706	23,805	20,878	18,023	2,695	9,182	28,628	10,251	48,088
DISTRICT 4 TOTAL	7,761	3,342	2,029	2,390	310	453	3,050	471	2,555
DISTRICT 5 TOTAL	28,975	9,263	11,701	8,011	1,578	5,009	11,476	7,275	25,811
TOTAL U.S.	225,961	93,219	92,050	40,692	6,366	30,087	131,731	44,808	106,270
TOTAL U.S.									
Weeks Ended:									
JAN. 13, 1984	223,289x	93,150x	91,587x	38,552*	6,805	30,922	137,460	45,243	106,930x
JAN. 21, 1983	249,828	104,968	103,445	41,415	7,165	33,836	177,245	66,883	106,155
DISTRICTS 1-4									
Weeks Ended:									
JAN. 20, 1984	196,986	83,956	80,349	32,681	4,788	25,078	120,255	37,533	80,459
JAN. 13, 1984	194,699x	83,522x	80,267x	30,910*	5,145	25,693	125,973	37,178	80,701x
JAN. 21, 1983	218,583	93,033	91,479	34,071	5,533	27,958	164,310	56,706	80,034

[1]Total motor gasoline stocks is equal to the sum of finished leaded stocks, finished unleaded stocks and motor gasoline blending components.

[2]Includes Grade No. 4 fuel oil.

*See Revisions on Page 7.

NA-Not Available

WEEKLY STATISTICAL BULLETIN
Week Ended January 20, 1984

ESTIMATED DOMESTIC PRODUCTION OF CRUDE OIL (INCLUDING LEASE CONDENSATE), IMPORTS AND STOCKS OF CRUDE OIL

(In thousands of 42-gallon barrels)

Weeks Ended:	Estimated Domestic Production[1] API Monthly	Estimated Domestic Production[1] Latest Dept. of Energy Aug. 1983	Crude Oil Imports[1] Total	Crude Oil Imports[1] From Canada	Crude Oil Stocks By Location[1]
	Daily Average				
DISTRICTS 1-4 TOTAL					
JAN. 20, 1984	5,799.3	5,819.0	2,765	221	266,039
JAN. 13, 1984	5,799.3	--	2,653	322	267,478*
JAN. 6, 1984	5,794.8	--	2,268	241	271,798
DEC. 30, 1983	5,794.8	--	2,431	147	265,147
DISTRICT 5 TOTAL					
JAN. 20, 1984	2,861.5	2,811.0	215	35	83,749 ‡
JAN. 13, 1984	2,861.5	--	141	15	84,521
JAN. 6, 1984	2,824.5	--	110	--	79,755
DEC. 30, 1983	2,824.5	--	129	9	82,577
TOTAL U.S.					
JAN. 20, 1984	8,660.8	8,630.0	2,980	256	349,788 ‡
JAN. 13, 1984	8,660.8	--	2,794	337	351,999*
JAN. 6, 1984	8,619.3	--	2,378	241	351,553
DEC. 30, 1983	8,619.3	--	2,560	156	347,724
JAN. 21, 1983	8,661.0/a	--	3,042	202	361,445

‡INCLUDES 27,453 BBLS. OF ALASKAN CRUDE OIL IN TRANSIT BY WATER.

/a - DOE Actual for January 1983.

LOCATION OF CRUDE OIL STOCKS[1]

(In thousands of 42-gallon barrels)

Location	District 1	District 2	District 3	District 4	Districts 1-4	District 5	Total U.S.
Weeks Ended:							
JAN. 20, 1984	15,581	74,169	162,817	13,472	266,039	83,749 ‡	349,788 ‡
JAN. 13, 1984	16,290*	73,482	163,648*	14,058*	267,478*	84,521	351,999*
JAN. 21, 1983	18,405	79,445	165,930	14,277	278,057	83,388	361,445

[1]See definitional notes, Page 6.

*See Revisions on Page 7.

IMPORTS OF PETROLEUM PRODUCTS

(Daily averages in thousands of 42-gallon barrels)

	Total Motor Gasoline[1]	Motor Gasoline: Finished Leaded	Motor Gasoline: Finished Unleaded	Jet Fuel: Naphtha Type	Jet Fuel: Kerosine Type	Distillate Fuel Oil[2]	Residual Fuel Oil	L.P.G.	Unfinished Oil[3]	Other	Total
New England	--	--	--	--	--	59	95	12	--	--	166
Central Atlantic	151	40	111	--	63	145	750	--	100	--	1,209
Lower Atlantic	64	19	45	--	--	65	84	--	--	--	213
DISTRICT 1 TOTAL											
JAN. 20, 1984	215	59	156	--	63	269	929	12	100	--	1,588
JAN. 13, 1984	80	46	34	--	36	186	670	15	119	138	1,244
JAN. 6, 1984	165	59	106	--	21	213	496	2	122	114	1,133
DEC. 30, 1983	291	127	164	--	32	196	529	9	120	140	1,317
DISTRICTS 2-4 TOTAL											
JAN. 20, 1984	18	8	10	--	--	14	100	195	60	66	453
JAN. 13, 1984	85	45	40	--	--	20	45	225	81	156	612
JAN. 6, 1984	11	8	3	--	--	20	45	205	80	137	498
DEC. 30, 1983	20	14	6	--	--	23	59	225	63	137	527
DISTRICT 5 TOTAL											
JAN. 20, 1984	11	3	8	--	2	5	14	23	--	5	60
JAN. 13, 1984	14	4	10	--	2	5	12	12	--	5	50
JAN. 6, 1984	14	4	10	--	2	2	12	10	--	5	45
DEC. 30, 1983	11	1	10	--	2	2	16	8	--	15	54
TOTAL U.S.	244	70	174	--	65	288	1,043	230	160	71	2,101
TOTAL U.S. Weeks Ended:											
JAN. 13, 1984	179	95	84	--	38	211	727	252	200	299	1,906
JAN. 6, 1984	190	71	119	--	23	235	553	217	202	256	1,676
DEC. 30, 1983	322	142	180	--	34	221	604	242	183	292	1,898
JAN. 21, 1983	148	84	64	5	39	134	539	277	142	181	1,465

[1]Total motor gasoline imports is equal to the sum of finished leaded imports and finished unleaded imports.

[2]Includes Grade No. 4 fuel oil.

[3]See definitional notes, Page 6.

NA-Not Available

DEFINITIONAL NOTES

Page 3—Stocks of Selected Products

The inventories shown are stocks located at refineries, bulk terminals, and in pipelines and include stocks held by independent bulk terminal operators. These inventories include stocks not available for shipment, those available for current shipment, and those held in reserve for shipment during the high consuming season as a supplement to then current production. Stocks not available are those required for processing, held in tank bottoms, in pipeline fill, and in other equipment in order to assure continuous operations.

Stocks of unleaded and leaded motor gasoline represent only finished motor gasoline located at refineries, pipelines and bulk terminals. A large portion of motor gasoline stocks at refineries consists of components which may be blended or compounded to produce either finished leaded or unleaded motor gasoline. Consequently, these stocks cannot be classified as either finished leaded or unleaded motor gasoline. The sum of finished leaded and unleaded motor gasoline stocks plus the component stocks equals total motor gasoline stocks.

Pages 3 and 5—Stocks and Imports of Petroleum Products

District 1 is composed of three areas which are described by the Department of Energy as follows:

New England—Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, and Connecticut.
Central Atlantic—New York, New Jersey, Pennsylvania, Delaware, Maryland, and the District of Columbia.
Lower Atlantic—Virginia, West Virginia, North Carolina, South Carolina, Georgia, and Florida.

Page 4—Estimated Domestic Production

Monthly production represents an API estimate as of the first week of the month. This estimate may be revised at a subseguent date as more current information is received.

Crude Oil Imports

Refinery receipts of foreign origin.
The Total of crude oil imports includes receipts from Canada.
Data do not include oil imported for the Strategic Petroleum Reserve.

Crude Oil Stocks by Location

Producer's stocks on leases are included.
Data do not include crude oil stocks held in the Strategic Petroleum Reserve.

Pages 4 and 5—Imports of Crude Oil and Petroleum Products

The estimates of imports published by the API are based on data supplied by reporting companies. These data exclude imports into Puerto Rico and the Virgin Islands but include shipments from Puerto Rico and the Virgin Islands to the U.S. mainland as imports. API classifies all withdrawals from bonded storage as imports.

Imports of unfinished oils represent refinery receipts of foreign origin.

INTERPRETIVE NOTES

Definitions used by the API throughout the Weekly Statistical Bulletin are the same as those used by the Department of Energy in its monthly and annual Petroleum Statements.

Unleaded gasoline is gasoline containing not more than 0.05 gram of lead per gallon and not more than 0.005 gram of phosphorus per gallon.

Data presented in the Bulletin are for the week ended 7 a.m. Friday. The date specified should not be considered as part of that week when calculating a month's total for production or the interpolation of a month's-end stock figure as of midnight of the last day of the month. *Example: a stock figure for a week ended 7 a.m. on the first of the month should be considered to be as of midnight of the previous month's last day.*

Totals for the U.S. published in the Bulletin exclude data for Puerto Rico, Virgin Islands, and other non-contiguous territories.

Data published in the Weekly Statistical Bulletin are estimates made by the API Statistics Department based on data collected from reporting companies.

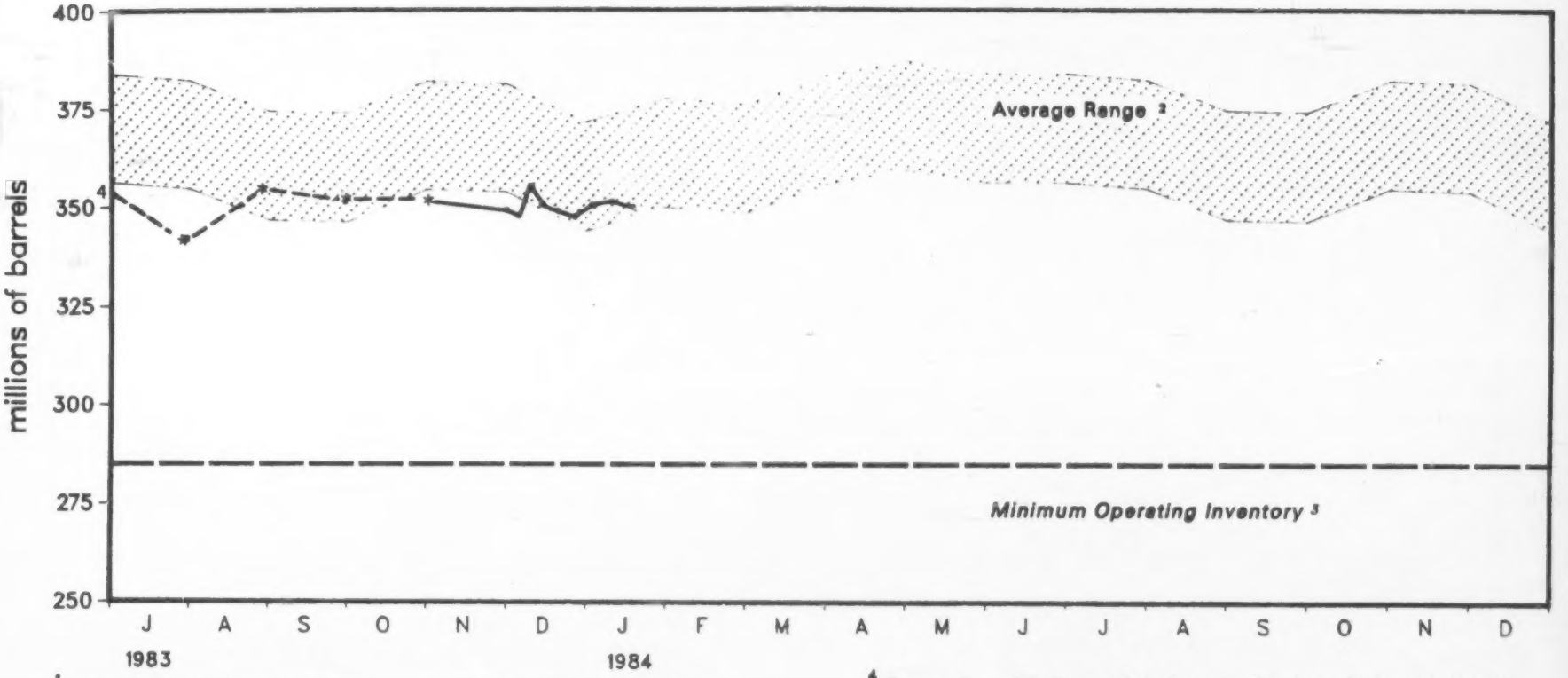
Data for the corresponding week of last year are from the published Bulletin for that week and are not adjusted to reflect subsequently published DOE monthly data. Final monthly data are available in the DOE Monthly Petroleum Statement.

API STATISTICAL BULLETIN
WEEK ENDED: JAN. 20, 1984

REVISIONS

01/13/84	PAGE 3	TOTAL MGAS	CENTRAL ATLANTIC	31,682
			DISTRICT 1 TOTAL	62,135
			TOTAL U.S.	223,289
			DISTRICTS 1-4	194,699
		LEADED MGAS	CENTRAL ATLANTIC	11,980
			DISTRICT 1 TOTAL	27,747
			TOTAL U.S.	93,150
			DISTRICTS 1-4	83,522
		UNLEADED MGAS	CENTRAL ATLANTIC	15,306
			DISTRICT 1 TOTAL	29,780
			TOTAL U.S.	91,587
			DISTRICTS 1-4	80,267
		BLENDING COMPS	CENTRAL ATLANTIC	4,396
			DISTRICT 1 TOTAL	4,608
			TOTAL U.S.	38,552
			DISTRICTS 1-4	30,910
		UNFINISHED OILS	CENTRAL ATLANTIC	12,468
			DISTRICT 1 TOTAL	12,888
			TOTAL U.S.	106,930
			DISTRICTS 1-4	80,701
	PAGE 4 T	CRUDE OIL STOCKS	DISTRICTS 1-4 TOTAL	267,478
			TOTAL U.S.	351,999
	PAGE 4 B	TOTAL	PAD DISTRICT 1	16,290
			PAD DISTRICT 3	163,648
			PAD DISTRICT 4	14,058
			TOTAL PAD DISTRICTS 1-4	267,478
			TOTAL U.S.	351,999

Crude Oil Stocks at Primary Level [1] [5]



[1] *Crude Stocks at Primary Levels include those held at refineries, in-transit to refineries, in pipelines, and in lease tanks and do not include those held in the Strategic Petroleum Reserve.*

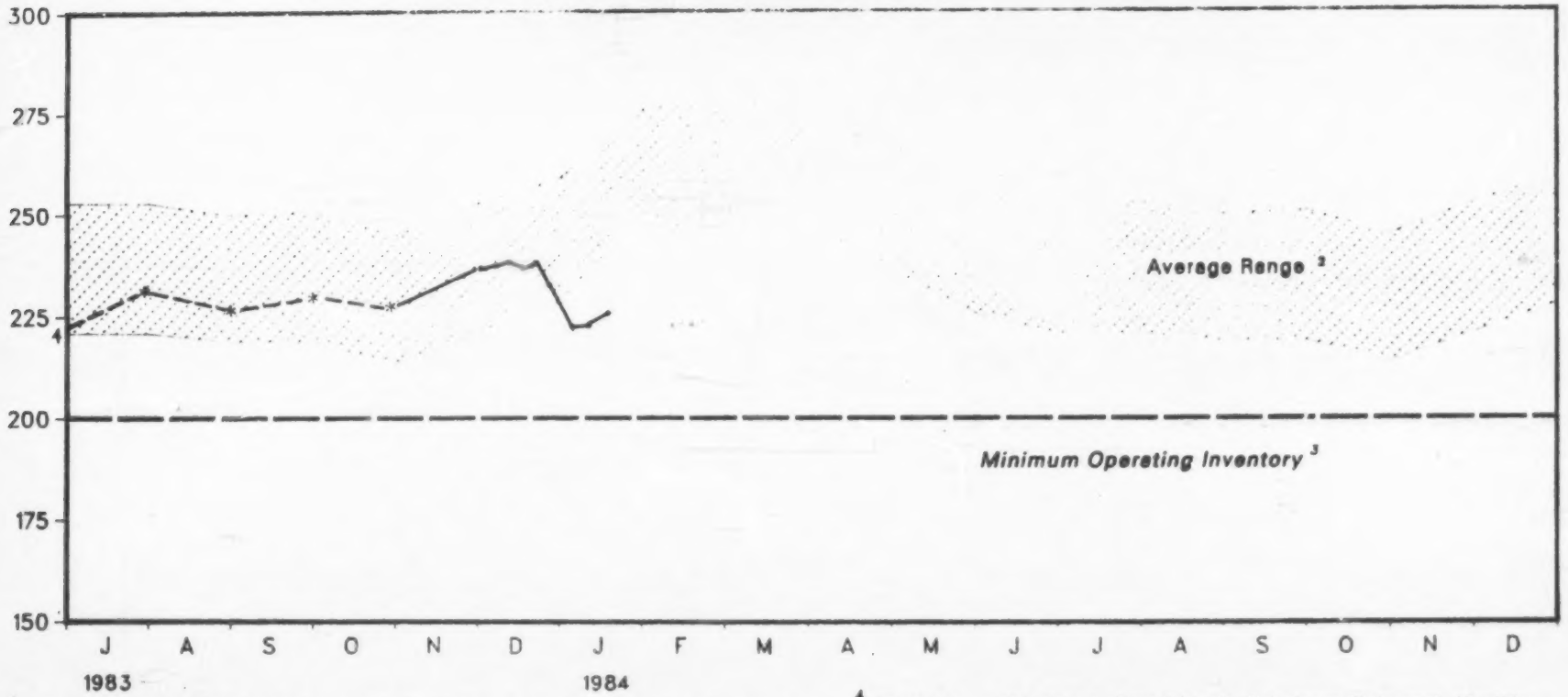
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for crude oil at 285 million barrels.*

[4] *Source: * -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
** -- API, Weekly Statistical Bulletin.*

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistic systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Motor Gasoline Stocks at Primary Level [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

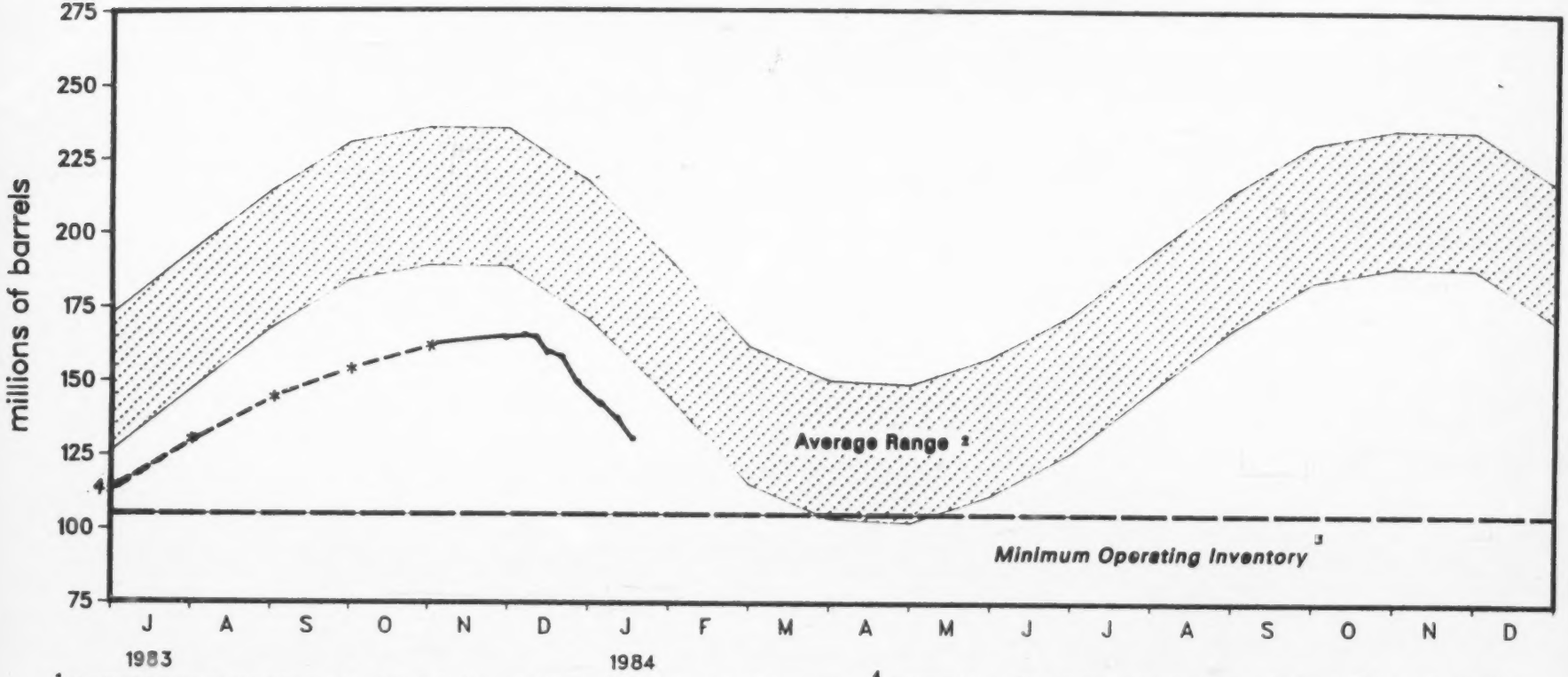
[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for motor gasoline at 200 million barrels.*

[4] *Source: • -- EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• -- API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*

Distillate Fuel Oil Stocks at Primary Level [1] [5]



[1] *Product Stocks at the Primary Level include those held at refineries, in pipelines, and at major bulk terminals.*

[2] *Average level and width of average range, estimated by DOE, are based on three years of monthly data: July 1980 – June 1983. The seasonal pattern is based on seven years of monthly data: January 1976 – December 1982.*

[3] *The National Petroleum Council (NPC), in November 1983, defined the Minimum Operating Inventory (MOI), as the inventory level below which operating problems and shortages would begin to appear in a defined distribution system. The NPC estimated the MOI for distillate fuel oil at 105 million barrels.*

[4] *Source: • – – EIA, Energy Data Reports, Petroleum Statement, Monthly.*
• – – API, Weekly Statistical Bulletin.

[5] *The average level and width of average range are based on historical data. Recent structural changes in demand patterns, operating units and logistical systems appear to have altered the basic requirements for petroleum distribution and indicated levels may be overstated.*